(3)

# BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Detailed Estimate for Operation and Maintenance of Street lights in Jakkur Ward
Ward Nos.05. Package 'Y-5'

Budget Head ..... P-0300 .....

Division No..... Estimate No AEE/EST/09/15-16 For Rs. 36.15 Lakhs.

| Sl No. | Description of Work | Qty. | Rate / Pole / Month | Per | Amount per Month | Amount for 12 Month |
|---|---|---|---|---|---|---|
| 1 | Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starter, Drawing of suitable capacity double insulated wire along with messenger wire in place of damaged LTUG cable of street lighting system and Painting of street light & park MS tubualar Poles and footing, Pole numbering ,switching ON/OFF of street lights at specified timing and Preparing data bank of street lights, TC wise & Circuit Wise Master register for each ward, removing of buntings Posters, threads, banners from the street light poles and carrying out routine maintenance, cleaning of perfex covers, pruning of trees around fittings periodically, furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. | | | | | |
| | i) Poles with 36/40 W fluorescent tube lights complete with luminaries, lamps, control gear and all accessories. | 403 | 39.71 | Per / Month | 16003.13 | 192037.56 |
| | ii) Poles with 11/18/36 watts CFL lamps complete with luminaries, lamps, control gear and all accessories | 150 | 42.02 | Per / Month | 6303.00 | 75636.00 |
| | iii) Poles with 250W HPSV lamps complete with luminaries, lamps, control gear and all accessories | 2908 | 87.25 | Per / Month | 253723.00 | 3044676.00 |
| | v) Supply & Replacing of 400 watts HPSV light accessories complete with chokes,igniter, lamps, control gear,control ropes,internal mast cable,etc complete for High mast lighting system. | 78 | 94.84 | Per / Month | 7397.52 | 88770.24 |
| 2 | Operation and maintenance of Manual and Automatic Timer Switching circuits including replacement of electrical gadgets, such as MCB's Contactors, Timer, Cut-outs, wiring connector and M.S. Box with proper insulation etc., complete. | 60 | 259.62 | Per / Month | 15577.20 | 186926.40 |

| Sl. No. | Description of Work | Qty. | Rate / Pole / Month | Per | Amount per Month | Amount for 12 Month |
|---|---|---|---|---|---|---|
| 3 | Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/looting of the pole.<br>a) Upto 5 Mtr street light pole<br>KPWD S.R. 2010-11 P.No-55, I.No-63 | | | | | |
| | c) 8 Mtr and above street light pole | 50 | 525 | no | 26250.00 | 26250.00 |
| | Missalaneous | | | | | 703.80 |
| | **Total** | | | | **325253.85** | **3615000.00** |

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on the rates of KPWD ele SR 2010-11 and Rates approved by Works Committee order No: 368/2013-14 dated 23.05.2014

Asst. Engineer (Elec)

Ass.Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
YELAHANKA ZONE
BRUHAT BANGALORE MAHANAGARA PALIKE

**Technical Sanction**
**Accorded For** ....36.15 lakh Rs
**Head of A/C**.....P0300.....
**CER NO :**.....77..... **Dt:**..19-10-15

TA CE (YNK)

ADMINISTRATIVELY SANCTIONED FOR Rs 36.15 lakh

Rupees Thirty Six lakhs & fifteen Thousand only

Under P0300

Registered as EE ( ) No ...9....
Subject to conditions contained in
enclosed memo EE ( ) No ...19/...
Dt Estimate Administrative
JC(Y)/PRT/AS/ 52 /15-16
dated 14-10-2015- 36.15 lakhs

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92